



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

Advertisement format for **SRF/JRF/RA** recruitment under a research project

Project title	Residual stress measurement and mitigation in high thickness AA2219 alloy friction stir welds for next generation launch vehicles
Sponsoring agency	ISRO- RESPOND
Position title	Junior Research Fellow (JRF)
Duration (in years)	2 Years
Number of position(s)	One
Essential qualification	- B.E./ B.Tech in Mechanical Engineering/ Production /Manufacturing/Aerospace Engineering /materials/ metallurgy with first class OR - ME/MTech in Manufacturing/ Computer Integrated/Materials science/ Production/CAD CAM/Design/metallurgy/ materials with first class Note: Candidates with Bachelor's degree in Engineering/ Technology with at least CGPA of 7.5/10 or 70% of marks under GEN/ GEN-EWS/ OBC-NCL category and at least CGPA of 7.0/10 or 65% under SC/ ST/ PwD category.
Desired qualifications	Prior knowledge in working with welding, aluminium alloys metallurgy and residual stress measurement
Age	30 years and relaxation as per norms
Job Nature	Execute the objectives of the Research project.
Emoluments	Rs. 37,000 + HRA / month (With GATE Qualification) Rs 31000 + HRA/ month as per norms (Without GATE Qualification)
HRA/ Accommodation	HRA as per institute rules. The selected candidate is also eligible for On-campus Hostel & Mess facilities, subject to availability.
Job nature	Microstructural and mechanical property characterization, Residual stress measurement and its mitigation
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However he / she needs to apply for PhD position when the advertisement is open.
How to apply?	The Performa of application is attached with this advertisement. Complete and send to an email: shivraman@nitw.ac.in Subject of mail: JRF application ISRO respond RS36036
Submission mode	Soft copy with scanned copy certificate from 10 th class onwards
Last date to apply	18-09-2026 @11.59pm
Whom to contact?	Name: Dr. SHIV RAMAN Assistant Professor Department of Mechanical Engineering National Institute of Technology Warangal – 506 004 Telangana State, India
Contact Email ID and Mobile No.	shivraman@nitw.ac.in 91 9760613653
Please note: - The position is purely temporary - Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form	

- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)
- If Interview need to be conducted online, candidates are expected to have good internet connection
- No TA/DA will be paid for attending interview

APPLICATION FOR THE POSITION OF JRF UNDER ISRO SPONSORED PROJECT

- Name of the candidate**
- Father's name**
- Date of birth (DD/MM/YYYY)**
- Sex** Male/ Female
- Marital status** Single/ married
- Category** OC/OBC/SC/ST
- Educational qualifications**

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

9. Research/Industrial/Teaching experience

S.No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications/ conference participations

11. Any other relevant information

Declaration

I hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being

found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. I confirm, that I am available for ONLINE interview, if necessary.

Date:

Signature of the candidate